

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/003168

Box No. 1 Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of :

a. type of material



a sequence listing



table(s) related to the sequence listing

b. format of material



in written format



in computer readable form

c. time of filing/furnishing



contained in the international application as filed



filed together with the international application in computer readable form



furnished subsequently to this Authority for the purposes of search

2. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

Claims 2-11 concern a pharmaceutical composition, and claims 12-13 concern a health care food. Although claims 2-11 and 12-13 are relevant to the composition comprising the same active ingredient, there is no technical relationship between a pharmaceutical composition and a health care food.

Hence, the application contains the following separate groups of inventions not so linked as to form a single general inventive concept (PCT Rule 13.1):

- i) Claims 1-11
- ii) Claims 1, 12-13

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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A. CLASSIFICATION OF SUBJECT MATTER**IPC7 A61K 35/78**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K 35/78, A23L 1/29

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubMed on-line

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X P, Y	KR 2004-0091505 A (BIOLAB CO., LTD.), 28 October 2004 See entire document	2-4, 6-8, 11-13 1, 5, 9-10
Y	LIM, J.P. et al. 'Effects of water extract from Cucurbita maxima Duchesne on inflammation and hyperlipidemia in rats' In; Korean J. Medicinal Crop Sci. 2001; 9(4): 280-283	2-8, 11-13
Y	CN 1092266 A (GAO, T.), 21 September 1994 See entire document	2-8, 11-13
Y	CN 1079619 A (NANJING ECONOMICS COLLEGE), 22 December 1993 See entire document	2-8, 11-13
Y	CN 1328778 A (DING, Y.), 02 January 2002 See entire document	2-8, 11-13
A	KR 2002-0008725 A (JEOLLABUK-DO), 31 January 2002 See abstract	1-13
A	JP 2002-176913 A (KANEGAFUCHI CHEM. IND. CO., LTD.), 25 June 2002 See entire document	1-13

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search

14 MARCH 2005 (14.03.2005)

Date of mailing of the international search report

15 MARCH 2005 (15.03.2005)

Name and mailing address of the ISA/KR



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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 2003-0023232 A (NEWGENPHARM CO., LTD.), 19 March 2003 See entire document	1-13
A	Al-ZUHAIR, H. et al. 'Efficacy of simvastatin and pumpkin-seed oil in the management of dietary-induced hypercholesterolemia' In; Pharmacol. Res. 1997; 35(5): 403-408	1-13

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 2004-0091505 A	28/10/2004	NONE	
CN 1092266 A	21/09/1994	NONE	
CN 1079619 A	22/12/1993	NONE	
CN 1328778 A	02/01/2002	NONE	
KR 2002-0008725 A	31/01/2002	NONE	
JP 2002-176913 A	25/06/2002	NONE	
KR 2003-0023232 A	19/03/2003	NONE	